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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/776,040	02/01/2001	Joerg Ehrhardt	7057 US	2464

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10/03/2007

EXAMINER
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KE, PENG

ART UNIT	PAPER NUMBER
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2174

MAIL DATE	DELIVERY MODE
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10/03/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

## Office Action Summary

Application No.

09/776,040

Applicant(s)

EHRHARDT ET AL.

Examiner

Peng Ke

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 08 June 2007.
- 2a) ☒ This action is **FINAL**.                      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |                                                                                                            |                                                                                         |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)                                           | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____                                                |

### **DETAILED ACTION**

This action is responsive to communications: Amendment, filed on 6/08/07.

Claims 1-13 are pending in this application. Claims 1 and 8 are independent claims.

#### ***Claim Rejections - 35 USC § 102***

Claims 1-3, 6-10, and 13 are rejected under 35 U.S.C. 102(e) as being anticipated by Gessel US Patent 5,732,213.

As per claim 1, Gessel teaches a method of setting up a communication procedure between instances comprising the steps of:

Selecting the instances that take part in the communication procedure, one instance being a protocol tester and another instance being an item under test. (see Gessel; column 3, lines 15-32)

Selecting a protocol layer to be emulated by the protocol tester for testing a specified protocol layer of the item under test on the basis of the communication procedure; (see Gessel; column 3, lines 42-58)

Selecting abstract communication interfaces of the emulate protocol layer for the communication procedure; (see Gessel; column 10, lines 20-32)

Selecting communication data contained in description files to be exchanged at the abstract communication interfaces; (see Gessel; column 3, lines 15-32) and

Automatically setting up through the protocol tester the communication procedure on the basis of the selection made in the above selecting steps, with parameters for the abstract

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communication interface and the communication data selecting steps being made graphically.  
(see Gessel; column 6, lines 60-lines 70)

As per claim 2, Gessel teaches the method of claim 1. Gessel further teaches the instances selecting step comprises the step of selecting the instances graphically, (see Gessel, column 11, lines 55-column 12, lines 10) and/or the emulated protocol layer selecting step comprises the step of selecting the emulated protocol layer graphically, and the parameters selectable in these steps being assigned description files that are used in the setting up step. (see Gessel, column 11, lines 55-column 12, lines 10)

As per claim 3, Gessel teaches the method of claim 1 or 2. Gessel further teaches the abstract communication interfaces comprise Service Access Points (SAPs). (see Gessel; column 5, lines 35-50)

As per claim 6, Gessel teaches the method of claim 1. Gessel teaches the communication data selecting step comprises the steps of:

Graphically selecting a data format; and

Graphically setting a communication sequence between the selected instances. (see Gessel; column 11, lines 35-80)

As per claim 7, Gessel teaches the method of claim 6. Gessel further teaches the graphically setting up step comprises the step of entering source code. (see Gessel; Column 7, lines 55-70: Script is a source code)

As per claims 8-10 they are the means claims of claims 1-3.

As per claim 13, Gessel teaches the method of claim 8. Gessel further teaches all parameters selected by all the selecting means are assigned description files that are used by the setting up means. (see Gessel; Column 7, lines 55-70; Script is a description files)

***Claim Rejections - 35 USC § 103***

Claim 5 is rejected under 35 U.S.C. 103(a) as being unpatentable over Gessel US Patent 5,732,213 in view of Matsui US Patent 5,732,213.

As per claim 5, Gessel teaches the method of claim 1 or 2. However, Gessel fails to teach the communication data comprise at least one type selected from the group consisting of Protocol Data Units (PDUs) and Abstract Service Primitives (ASP)

Matsui teaches the communication data comprise at least one type selected from the group consisting of Protocol Data Units (PDUs) and Abstract Service Primitives (ASP) (see Matsui, column 1, lines 55-column 2, lines 10)

It would have been obvious to an artisan at the time of the invention to include Matsui's teaching with method of Gessel in order to create a scenario for use in a conformation test.

***Response to Argument***

Applicant's arguments filed on 6/8/07 have been fully considered but they are not persuasive.

Applicant argued that Gessel fails to teach selection of a protocol layer.

Examiner disagrees. Gessel teaches this limitation because it allows user to select the protocol hardware notes that are tested by the emulating software. (see Gessel; column 8, lines 25-30) By selecting hardware notes, user in fact is selecting different protocol layer because

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different hardware notes are correlated with different protocol layer test. (see Gessel; column 8, lines 30; For example; selection of Interact socket between OSI stack would only be testing layer 3 of protocol layer; column 5, lines 20-25; selection of TCP Note would only be testing layer 4 of protocol)

Furthermore, nowhere in the applicant's specification supports the limitation of selecting "a specific protocol layer." (see applicant's specification) In fact, a testing of one specific protocol layer may be impossible because a testing higher protocol layer requires the testing of all its lower protocols. (see Gessel; column 1, lines 40-45) For example, the testing of protocol layer 3 would require the successful testing of protocol layers 1 and 2 because layer 3 is software protocol, and for a software protocol to work, the physical protocols, layer 1 and 2, must function successfully first. (see Gessel; column 1, lines 45-70)

### ***Conclusion***

**THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

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***Contact Information***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peng Ke whose telephone number is (571) 272-4062. The examiner can normally be reached on M-Th and Alternate Fridays 8:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine L. Kincaid can be reached on (571) 272-4063. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Peng Ke

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